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Declaration

Submitted

with Initial Filing

DECLARATION FOR UTILITY OR

DESIGN

PATENT APPLICATION (37 CFR 1.63)

OR

Declaration

required)

Submitted after Initial

Filing (surcharge (37 CFR 1.16 (e))

PTO/SB/01 (12-97) Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Attorney Docket Number B-076 (5412US) Mizia et al. **First Named Inventor** COMPLETE IF KNOWN 09/965,946 **Application Number** 09/26/01 Filing Date 1742 Group Art Unit T. McGuthry Banks **Examiner Name**

As a below named inventor, I hereby declare that:										
My residence, post office	address, and citizens	ship are as stated below	next to my	name.						
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:										
NEUTRON ABSORBING ALLOYS										
the specification of which (Title of the Invention) is attached hereto										
	OR was filed on (MM/DD/YYYY) 09/26/01 as United States Application Number or PCT International									
Application Number 09/9	65,946	and was amended on	(MM/DD/Y	YYY)		(if applicable).				
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.										
hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.										
Prior Foreign Application Number(s)	Country	Foreign Filia (MM/DD/Y		Priority Not Claimed	Certified Co YES	py Attached? NO				
		,		0000						
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:										
hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.										
Application Number 60/235,947	(s) Fili 09/26/0	ng Date (MM/DD/YY))0	<u>Y)</u>	numbe	onal provisiona ers are listed or emental priority	n a				
				PTO/S	SB/02B attache	d hereto.				

[Page 1 of 2]
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DE	<u> JLAKATION –</u>	- Utility	or D	<u>esign</u>	Pate	nt /	4pp	licatio	n	ı
United States United States information wh	the benefit under 35 U.S.C. 120 of America, listed below and, ins or PCT International application in lich is material to patentability as al or PCT international filing date	ofar as the subject the manner provide defined in 37 CFR	matter of	each of the cl	laims of th	is applic	ation is	not disclosed	in the prior	
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										OCT 3 0 2003
☐ Additional	U.S. or PCT international applica	tion numbers are lis	ted on a si	upplemental pr	riority data	sheet P	TO/SB/0	2B attached h	ereto.	TC 1700
As a named inv	ventor, I hereby appoint the follow office connected therewith:	ing registered practi	tioner(s) to	prosecute this	s applicatio	n and to	transac	t all business		
ano maceman		OR					•	Number Bar Label her	Code	
	<u>L</u>	Registered practition		ne/registration			w L		tration	
Stophon	Name R. Christian	Number 32,687	•		Nam	е		Nu	nber	
Alan D. K		33,720								
Additional	registered practitioner(s) named	n supplemental Rec	nistered Pr	ractitioner Infor	mation she	et PTO	/SB/02C	attached here	to.	
	–	ner Number	7		1	_		ndence addi		
	or Bar	Code Label			j ok		Jirespo	ndence addi	ess below	
Name	Stephen R. Christian									
Address	Bechtel BWXT Idaho,	LLC								
Address	P. O. Box 1625									
City	Idaho Falls			State ID ZIP 834			8341	5-3899		
Country	US	Telephone 2	208-526			Fax	208-	526-8339		
believed to be punishable by	re that all statements made here true; and further that these stat fine or imprisonment, or both, u any patent issued thereon.	ein of my own know ements were made	vledge are	true and that knowledge tha	it willful fal	se state	ements a	and the like so	made are	
Name of S	ole or First Inventor:			A petition I	nas been	filed fo	r this ur	nsigned inve	ntor	
G	iven Name (first and middle [i	f any])			Family	/ Name	or Sur	name		
Ronald E.			N	Mizia						
Inventor's Signature	Joural !	N.3 (Line	•				Date	7-1702	
Residence: (city Idaho Falls	State ID	()	Country	JS			Citizenship	US	
Post Office A	address 240 Beacon			<u> </u>						
Post Office A	Address									
City	Idaho Falls State	ID	ZIP 8	83402		Cou	ntry	US		

supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

 \square Additional inventors are being named on the 2

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page _1_ of _2_

Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Eric L. Shaber Inventor's 7/17/02 Signature Date Idaho Falls ID US US Residence: City State Country Citizenship 2878 Newman Drive **Post Office Address** Post Office Address ID 83402 Idaho Falls US City State Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Sumame John N. **DuPont** Inventor's Signature Date Whitehall PA US US State Country Residence: City Citizenship 4422 Amman Way **Post Office Address Post Office Address** Whitehall 18015 US PA City State Country ZIP Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Charles V. Robino Inventor's Signature Date US US MM Albuquerque Citizenship Residence: City State 13121 Marble Avenue **Post Office Address Post Office Address** US Albuquerque NM 87112 Country

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1_ of 2_

Name of Additio	nal Joint Inventor, if an	y:			A petiti	on has been fi	led for ti	his unsig	ned in	ventor RE	CEI
Given Na	me (first and middle [if any])				Family N					
Eric L.				Sha	ber					~~	L' 30
Inventor's Signature				1				Date	,		ГТ 3 0 С 17
Residence: Gity	Idaho Falls	State	ID		Country	us		Citizen		us	
Post Office Address	2878 Newman Drive										
Post Office Address											İ
City	Idaho Falls	State	ID		ZIP 8	33402	Count	y US			
Name of Addition	nal Joint Inventor, if an	y:			A petition	on has been fil	led for th	nis unsig	ned inv	ventor	
Given Na	me (first and middle [if any])				Family Na	ame or	Surname			
John N.	DuPont										
Inventor's Signature	John n	, (4)	W	200	~		Y-/	7-12 ite	2	
Residence: City	Whitehall	State	PA		Country	us		Citize	nship	us	
Post Office Address	4422 Amman Way										
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Name of Addition	nal Joint Inventor, if an	y:			A petition	on has been fil	led for the	nis unsig	ned inv	ventor	
Given Name (first and middle [if any])					Family Name or Surname						
Charles V.				Robi	ino						
Inventor's Signature						Da	ite				
Residence: City	Albuquerque	State	NM		Country			Citizenship US			
Post Office Address	13121 Marble Avenue	•									
Post Office Address											
City	Albuquerque	State	NM		ZIP	87112		Country	us		

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1_ of 2_

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Name of Additional Joint Inventor, if any:												
Given Name (first and middle [if any])					Family Name or Sumame REC							EIVED
Eric L.		Sha	ber						nci	3 0 2003		
Inventor's Signature	·	.,			···			Dat	te		TC	; 1700
-Residence: City	Idaho Falls	State	ID		Country	US		Citizer		US		
Post Office Address	2878 Newman Drive											
Post Office Address												
City	Idaho Falls	State	ID		ZIP 8	3402	Count	_{ry} US				
Name of Addition	nal Joint Inventor, if an	y:			A petition	n has been file	ed for t	his unsig	gned in	ventor		
Given Na	me (first and middle [if any])				Family Na	me or	Surnam	е			
John N.	DuPont											
Inventor's Signature									ate			
Residence: City	Whitehall	State	PA		Country	us		Citiz	enship	US		
Post Office Address	4422 Amman Way											
Post Office Address						_			····			
City	Whitehall	State	PA		ZIP	18015	Cou	ntry	us			
Name of Addition	nal Joint Inventor, if an	y:			A petition	n has been file	ed for t	his unsi	gned in	ventor		
Given Name (first and middle [if any])					Family Name or Sumame							
Charles V.	Z. Robino											
Inventor's Signature	Charles V Robino Date 7/13/02											
Residence: City	Albuquerque	State	NM	M Country US Citizenship US								
Post Office Address 13121 Marble Avenue												
Post Office Address	ss											
City	Albuquerque	State	NM		ZIP	87112		Country	US			

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ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 2

											1
Name of Additional Joint Inventor, if any:											
Given Name (first and middle [if any])											
David B.				Willi	iams						
Inventor's Signature	DS W.	<u>, </u>			Dat			te	7/17/02		
-Residence: City	Bethlehem	State	PA		Country	us		Citize	nship	us	
2002 Mantgamon, Street											
Post Office Address										REC	EIVED
City	Bethlehem	State	PA		ZIP	18017	Coun	_{itry} US		OC.	EIVED 1302003 C 1700
Name of Addition	nal Joint Inventor, if ar	ny:			A petiti	on has been f	iled for	this uns	gned in	ventor T	7700
Given Na	me (first and middle [if any	·])	_			Family N	lame or	Suman	ne		
Inventor's Signature									Date		
Residence: City		State			Country			Citi	zenship		
Post Office Address											
Post Office Address											
City		State			ZIP		Co	untry	,		
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor											
Given Name (first and middle [if any])						!					
Inventor's Signature									Date		
Residence: City	State Country Citizenship										
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mizia et al.

Serial No.: 09/965,946

Filed: September 26, 2001

For: NEUTRON ABSORBING ALLOYS

Examiner: T. McGuthry Banks

Group Art Unit: 1742

Attorney Docket No.: B-076

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail (under 37 C.F.R. § 1.8(a)) on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. box 1450,

Date of Deposit

Signature of registered practitioner or other person having reasonable basis to expect mailing to occur on date of deposit shown pursuant to 37 C.F.R. §

Typed/printed name of person whose signature i

ASSENT OF ASSIGNEE TO CORRECTION AND/OR ADDITION OF INVENTOR(S) AND STATEMENT PURSUANT TO 37 C.F.R. § 3.73

Commissioner for Patents P.O. Box 1459 Alexandria, VA 22313-1450

The undersigned Assignee has by way of assignments, an undivided interest in the above-referenced application for U.S. Letters Patent hereby assents to the correction of inventorship in this application filed herewith.

Pursuant to 37 C.F.R. § 3.73, the undersigned representative of the Assignee has reviewed the evidentiary documents, specifically the Assignment to Sandia National Laboratory recorded October 7, 2002, at Reel 013391, Frame 0389, and certifies that to the best of his/her knowledge and belief, title remains in the name of Sandia National Laboratry.

The undersigned further avers that he/she is empowered to make and sign the foregoing certification on behalf of the Assignee, and to take the action set forth herein on behalf of the Assignee, pursuant to a resolution of its Board of Directors.

Application Serial No. 09/965,946

		P.O. Box 5800
	4/24/03	Albuquerque, NM 87185-1380
Date:	9/29/07	·

By:

Russell D. Elliott, Chief IP Counsel Intellectual Property Center, MS 0161

SANDIA CORPORATION





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mizia et al.

Serial No.: 09/965,946

Filed: September 26, 2001

For: NEUTRON ABSORBING ALLOYS

Examiner: T. McGuthry Banks

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Attorney Docket No.: B-076

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ASSENT OF ASSIGNEE TO CORRECTION AND/OR ADDITION OF INVENTOR(S) AND STATEMENT PURSUANT TO 37 C.F.R. § 3.73

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

The undersigned Assignee has by way of assignments, an undivided interest in the above-referenced application for U.S. Letters Patent hereby assents to the correction of inventorship in this application filed herewith.

Pursuant to 37 C.F.R. § 3.73, the undersigned representative of the Assignee has reviewed the evidentiary documents, specifically the Assignment to Bechtel BWXT Idaho, LLC recorded July 16, 2002, at Reel 013106, Frame 0852, and certifies that to the best of his/her knowledge and belief, title remains in the name of Bechtel BWXT Idaho, LLC. The undersigned further avers that he/she is empowered to make and sign the foregoing certification on behalf of the Assignee, and to take the action set forth herein on behalf of the Assignee, pursuant to a resolution of its Board of Directors.

Application Serial No. 09/965,946

BECHTEL BWXT IDAHO, LLC 2525 North Fremont Avenue Idaho Falls, Idaho 83415-3899

Date: 21 October 2003

By: Mark D. Olsen

Its Assistant Secretary



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mizia et al.

Serial No.: 09/965,946

Filed: September 26, 2001

For: NEUTRON ABSORBING ALLOYS

Examiner: T. McGuthry Banks

Group Art Unit: 1742

Attorney Docket No.: B-076

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Typed/printed name of person whose signature is

ASSENT OF ASSIGNEE TO CORRECTION AND/OR ADDITION OF INVENTOR(S) AND STATEMENT PURSUANT TO 37 C.F.R. § 3.73

Commissioner for Patents Washington, D.C. 20231

The undersigned Assignee has by way of assignments, an undivided interest in the abovereferenced application for U.S. Letters Patent hereby assents to the correction of inventorship in this application filed herewith.

Pursuant to 37 C.F.R. § 3.73, the undersigned representative of the Assignee has reviewed the evidentiary documents, specifically the Assignment to Lehigh University recorded https://www.htm.ncm/non/and-certifies that to the best of his/her knowledge and belief, title remains in the name of Lehigh University.

Application Serial No. 09/965,946

The undersigned further avers that he/she is empowered to make and sign the foregoing certification on behalf of the Assignee, and to take the action set forth herein on behalf of the Assignee, pursuant to a resolution of its Board of Directors.

Date: 9/18/02

LEHIGH UNIVERSITY 27 Memorial Drive West Bethlehem, PA 18015-3085

Margaret F. Plympton

Vice President